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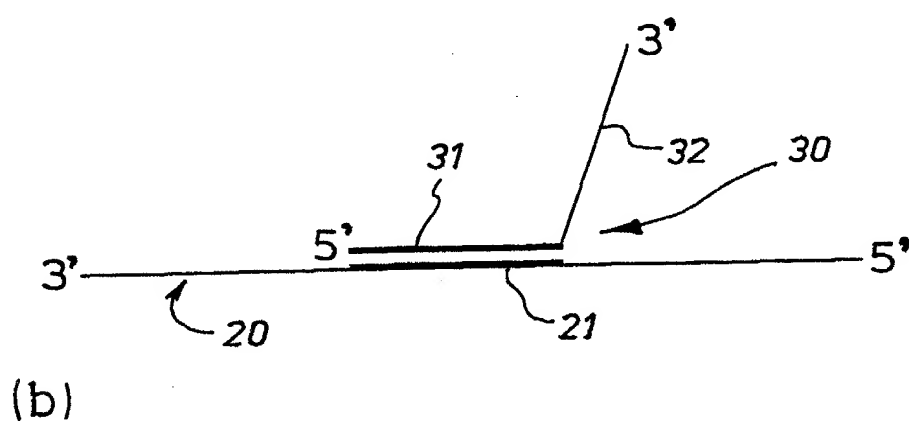
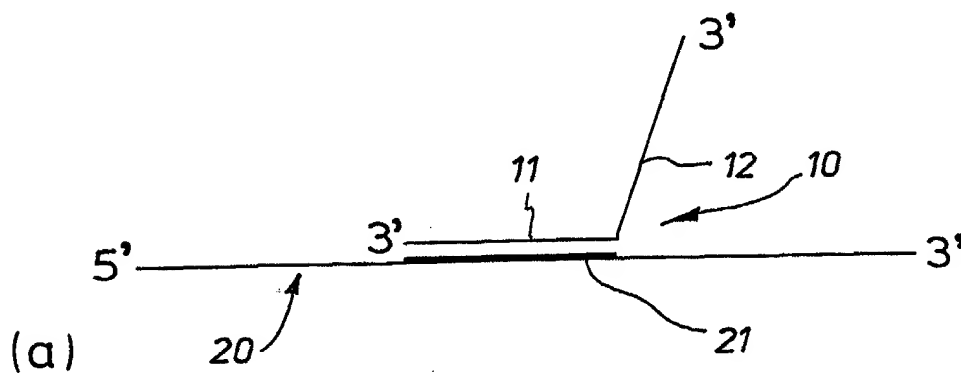


FIG.1

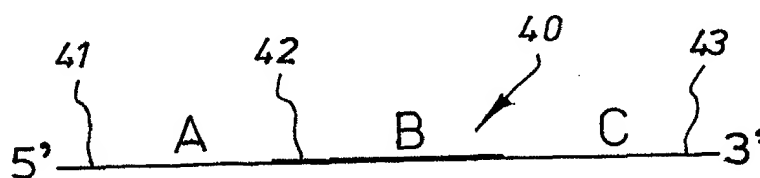


FIG.2

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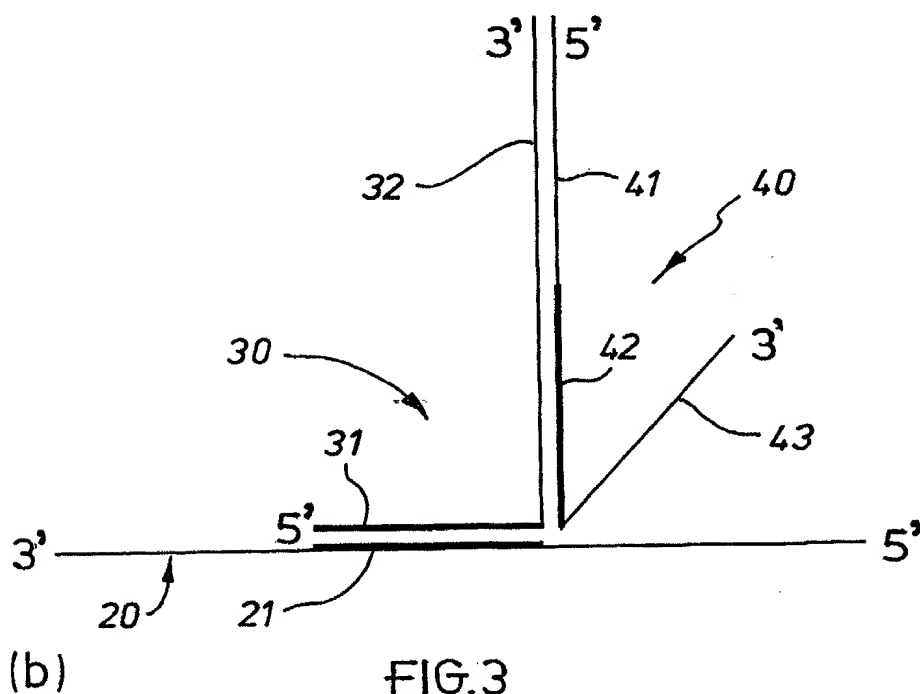
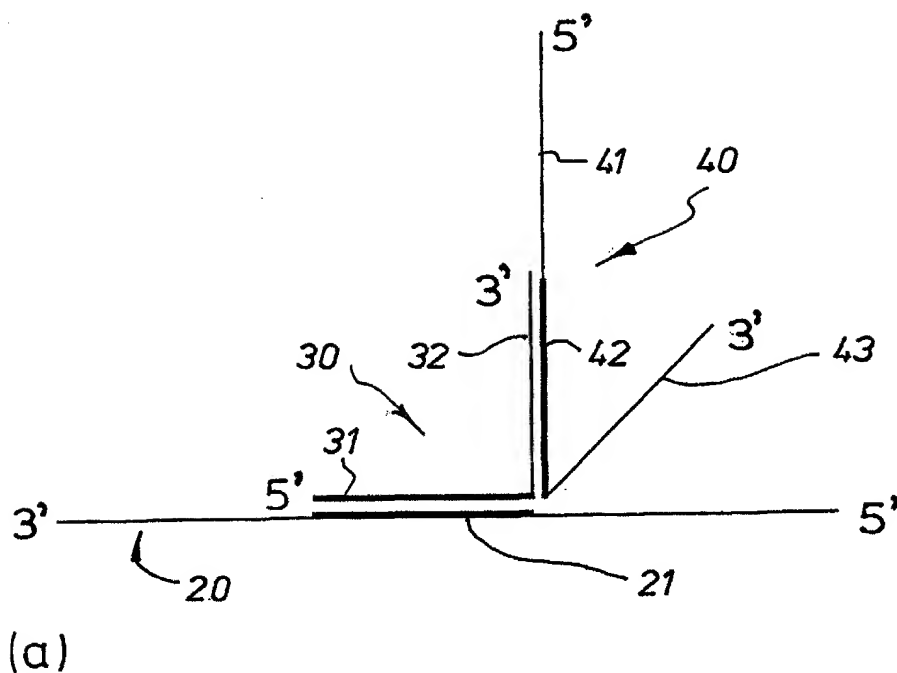
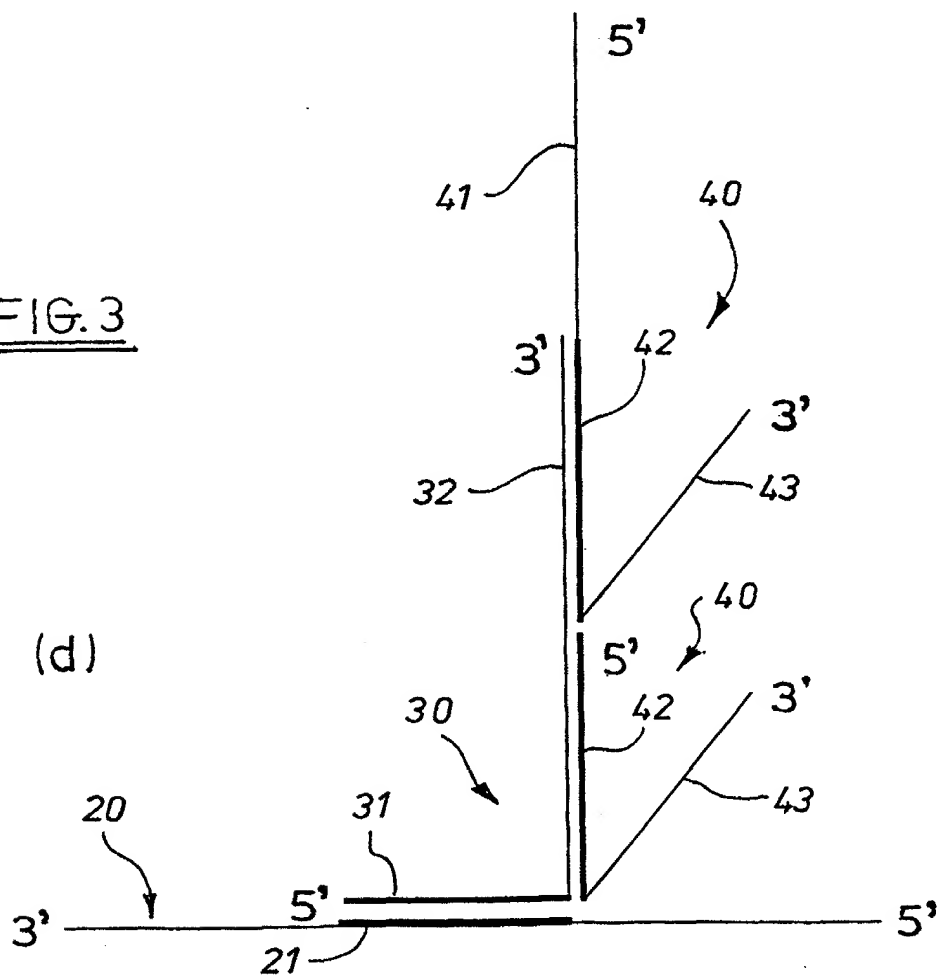


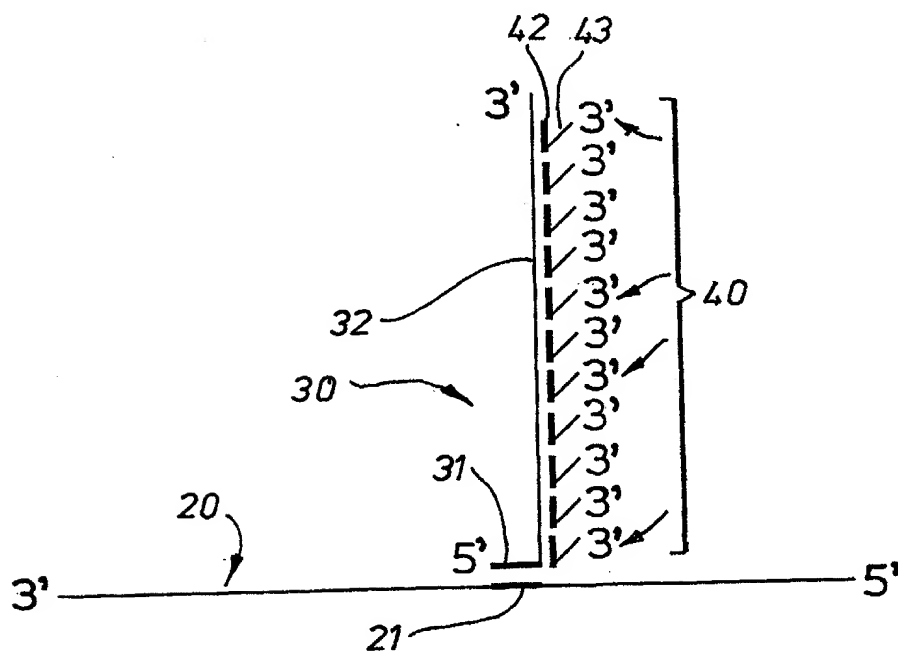
FIG.3

FIG. 3



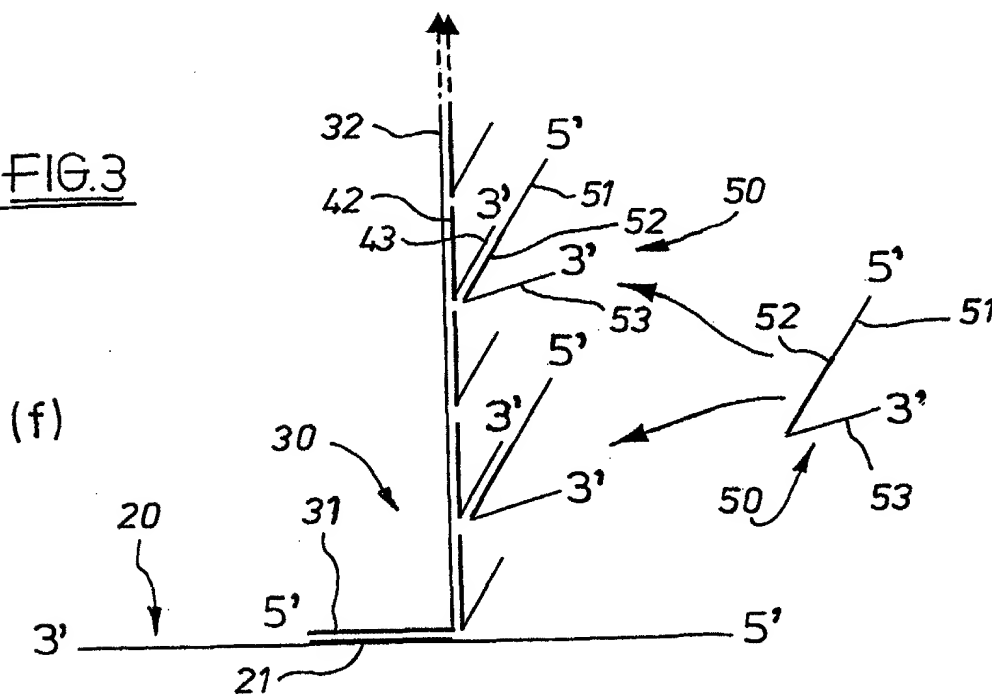
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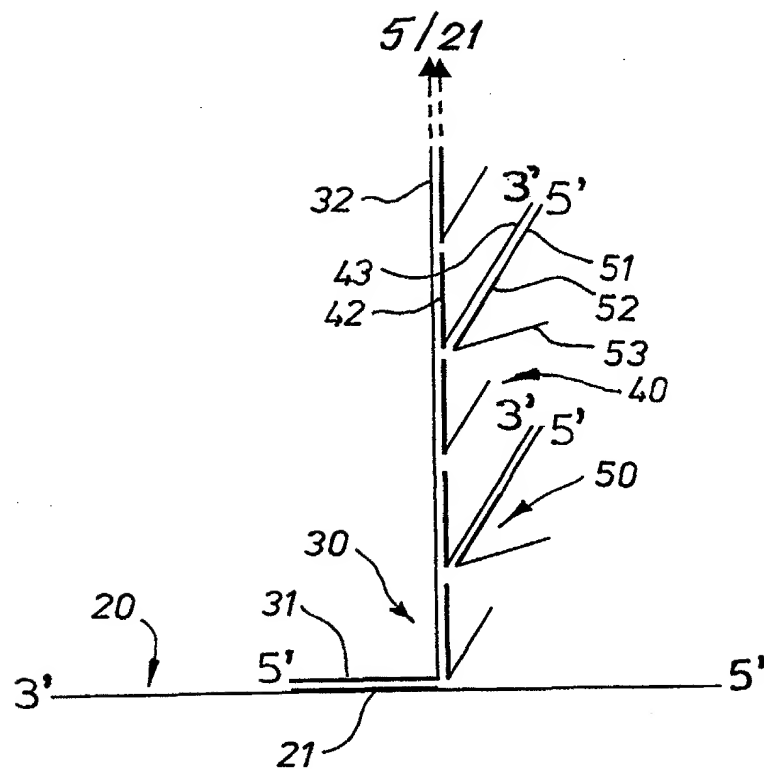


(e)

FIG.3

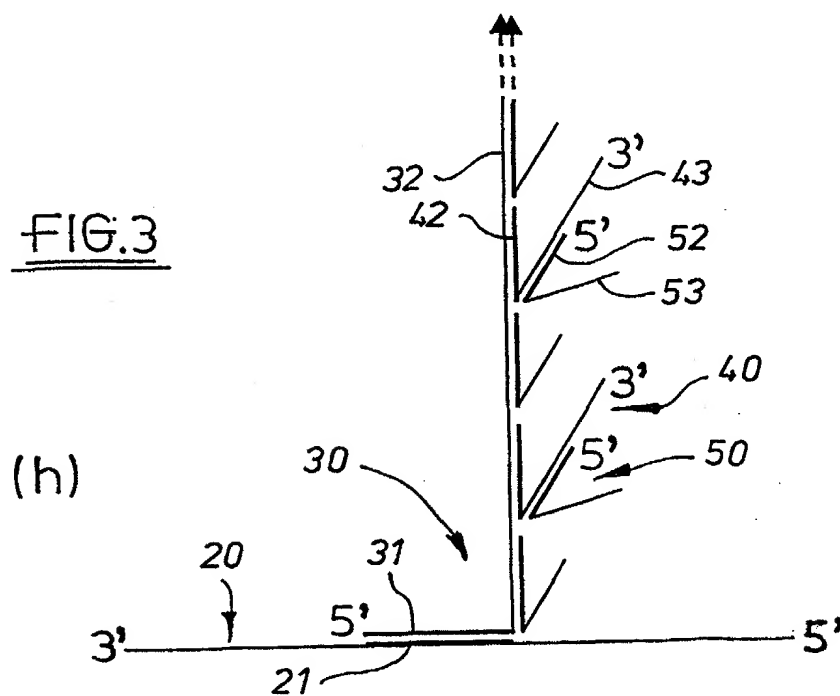


(f)

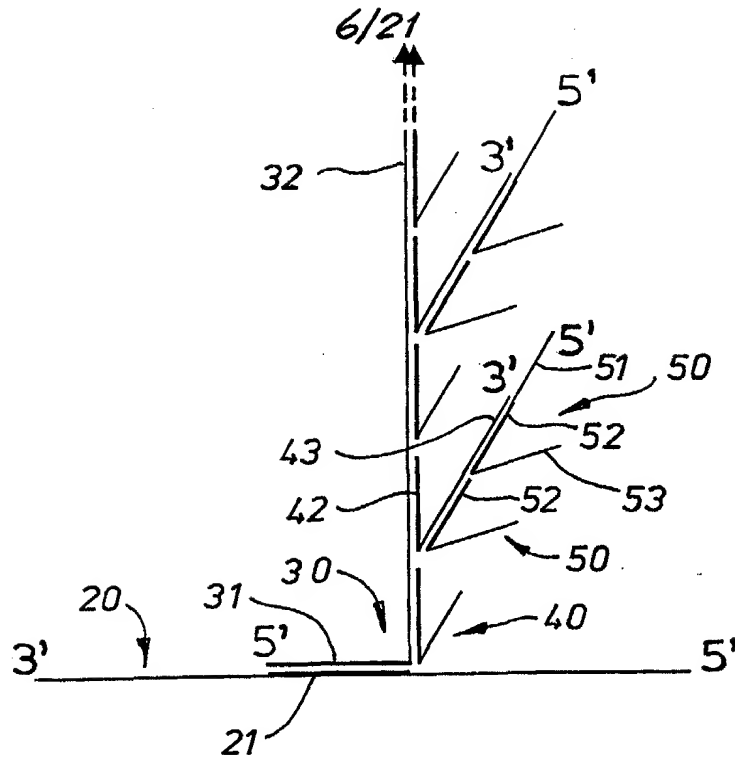


(g)

FIG.3

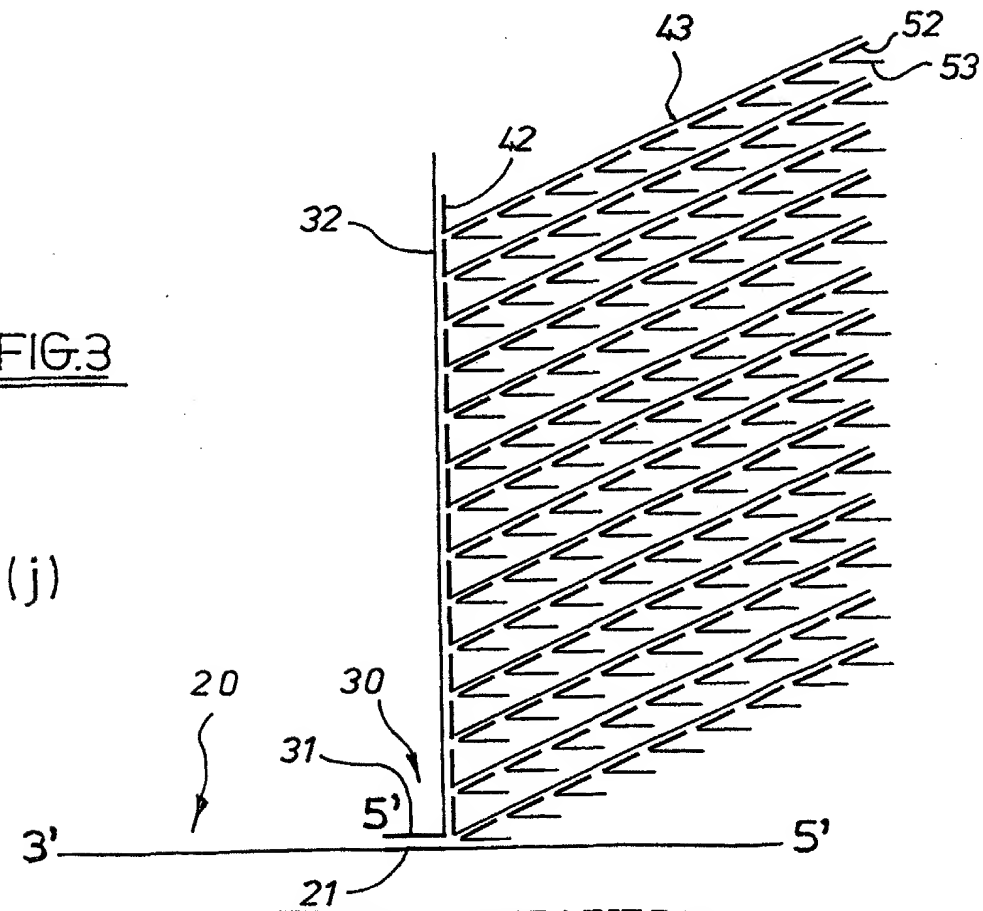


(h)



(i)

FIG.3



(j)

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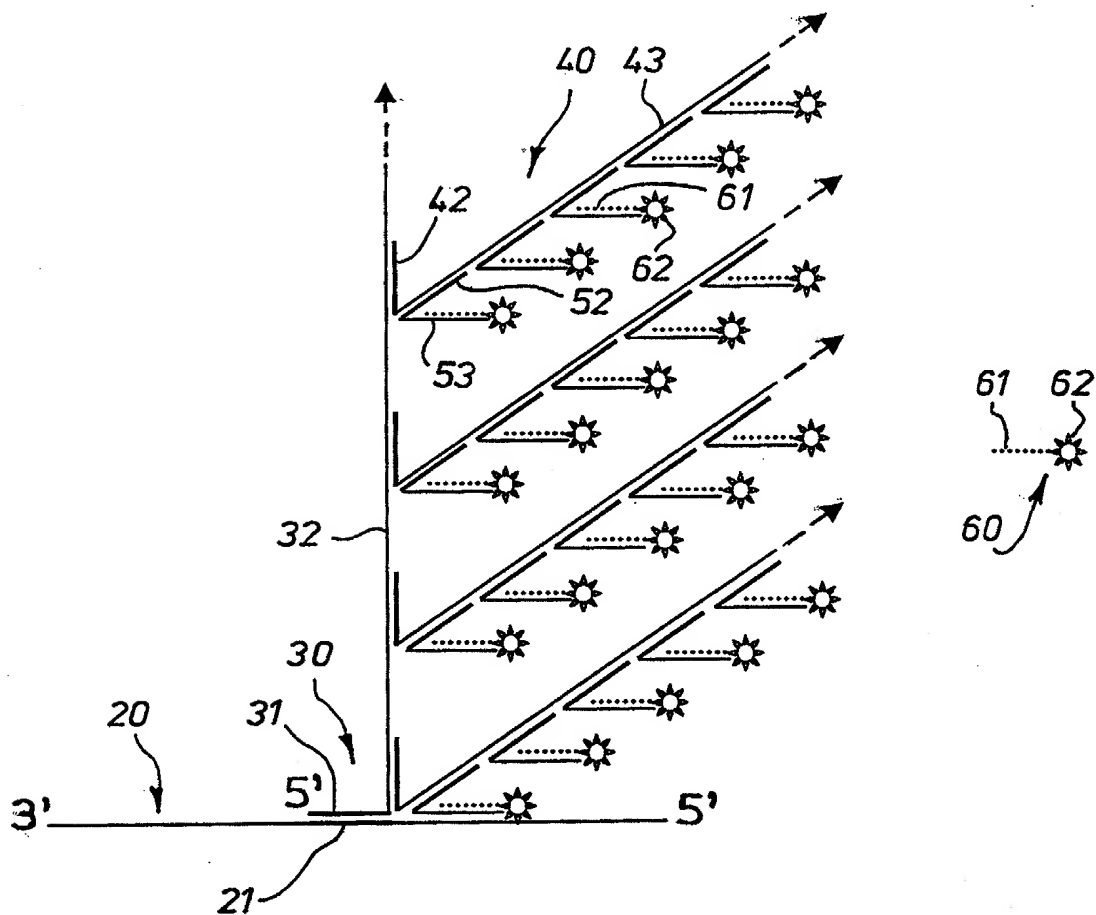


FIG.3 (k)

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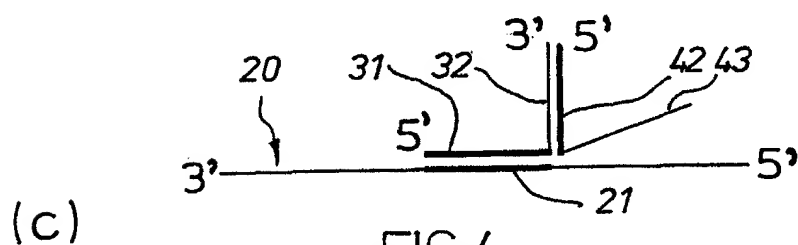
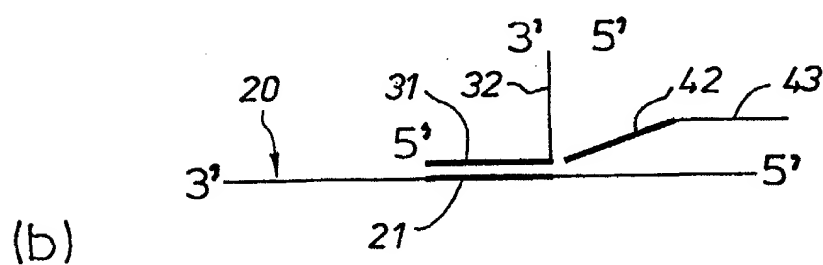
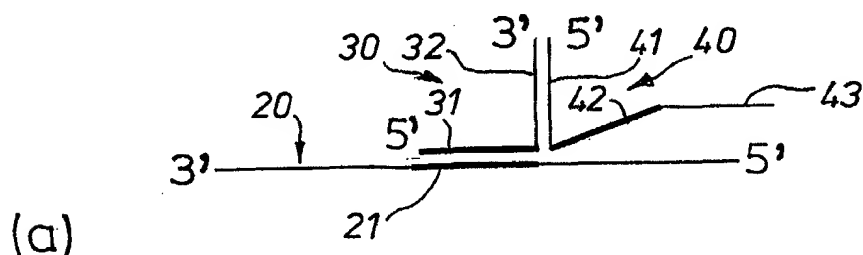


FIG. 4

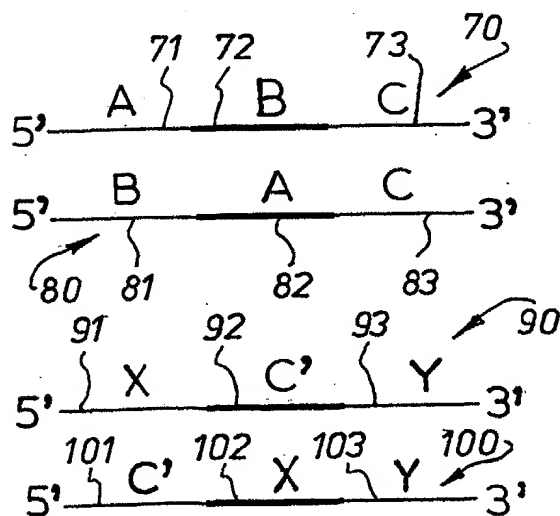


FIG. 5

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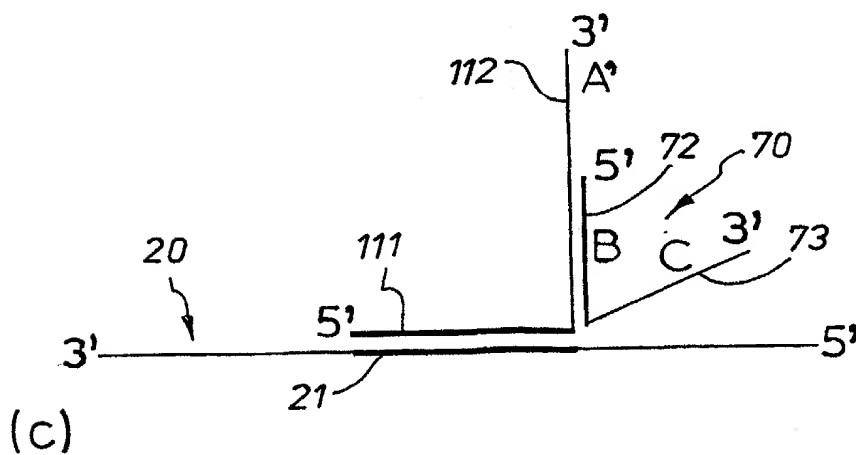
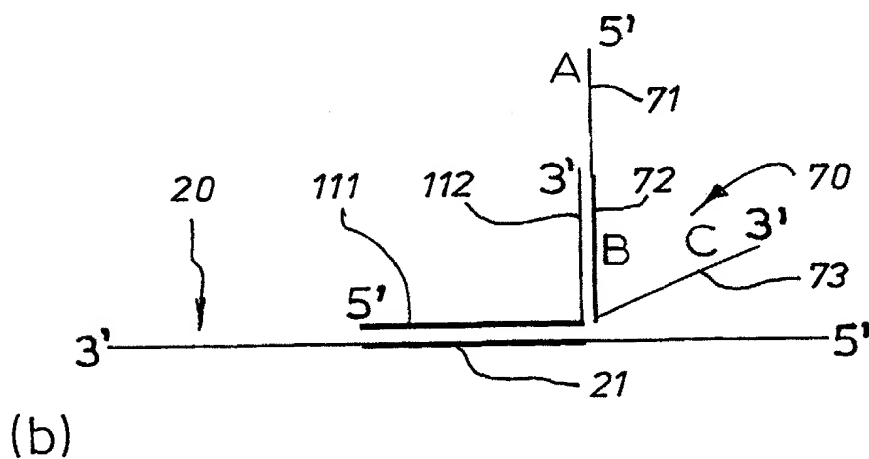
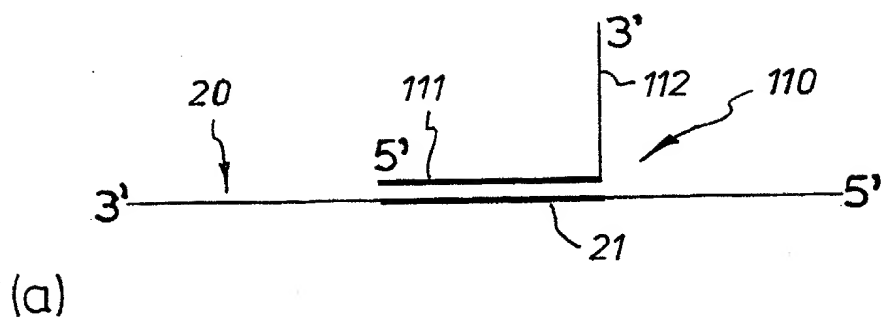


FIG.6

Figure 1. The structure of the proposed model. The input is a 2D image of a handwritten digit, which is processed by a convolutional layer, a fully connected layer, and a softmax layer to produce the output.

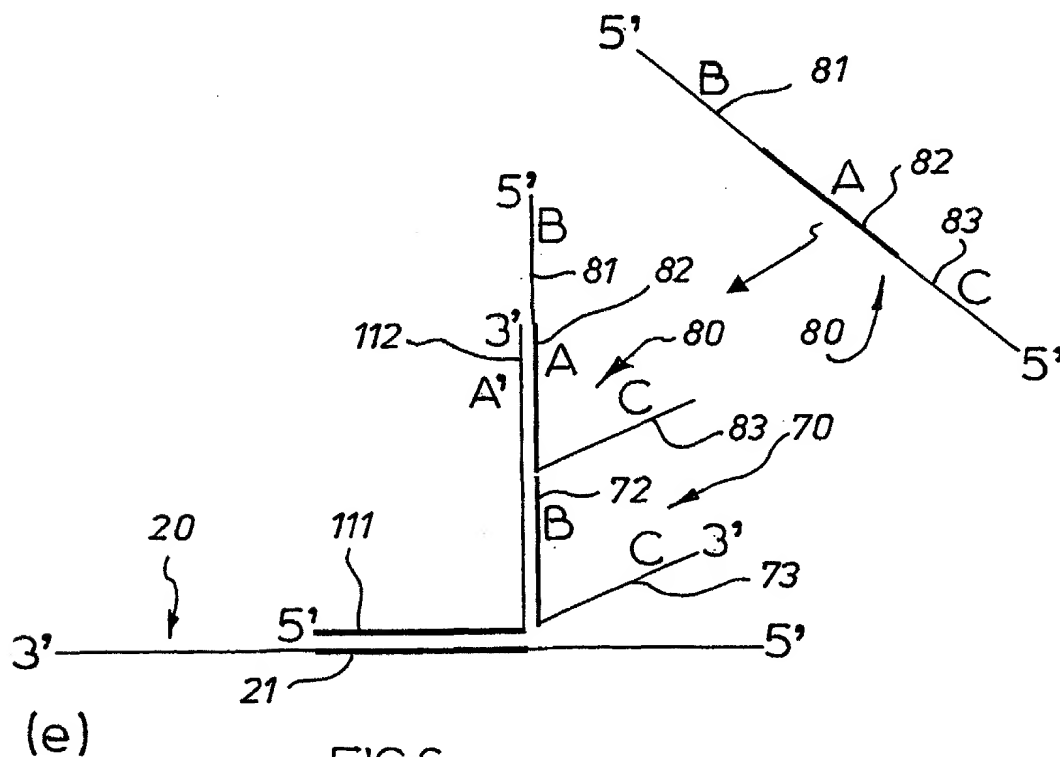
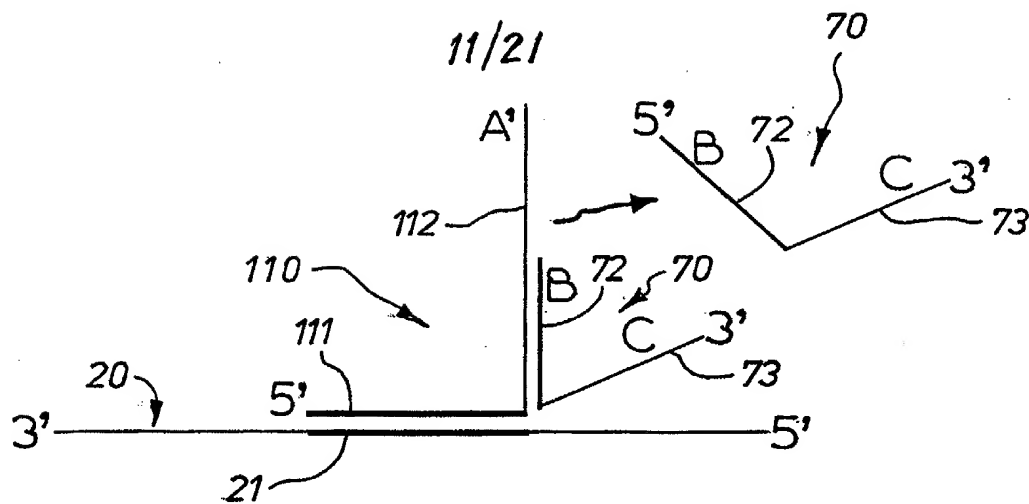
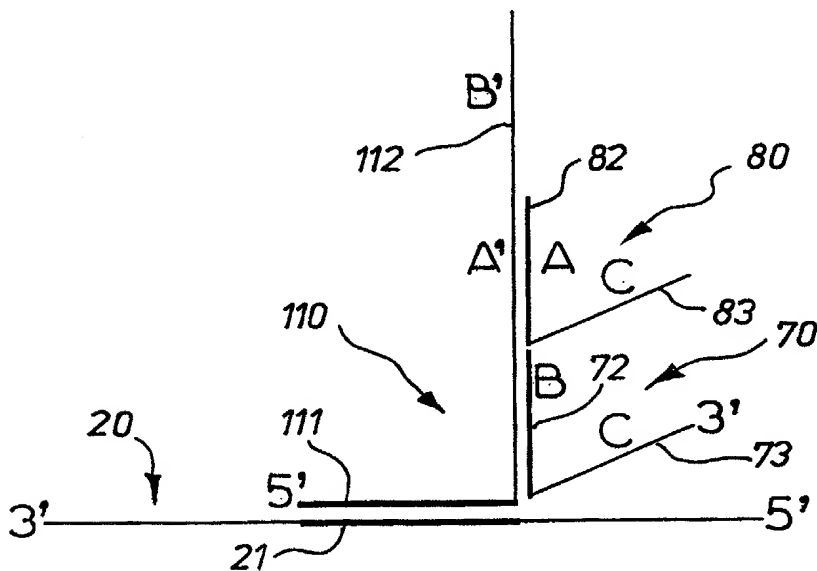


FIG.6



(e1)



(e2)

FIG.6

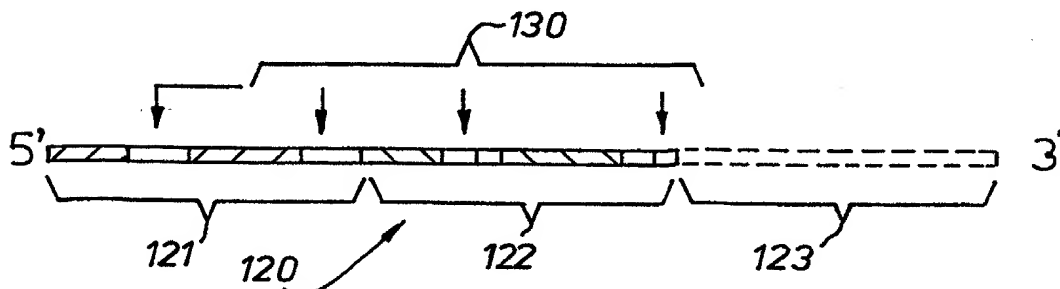


FIG.7

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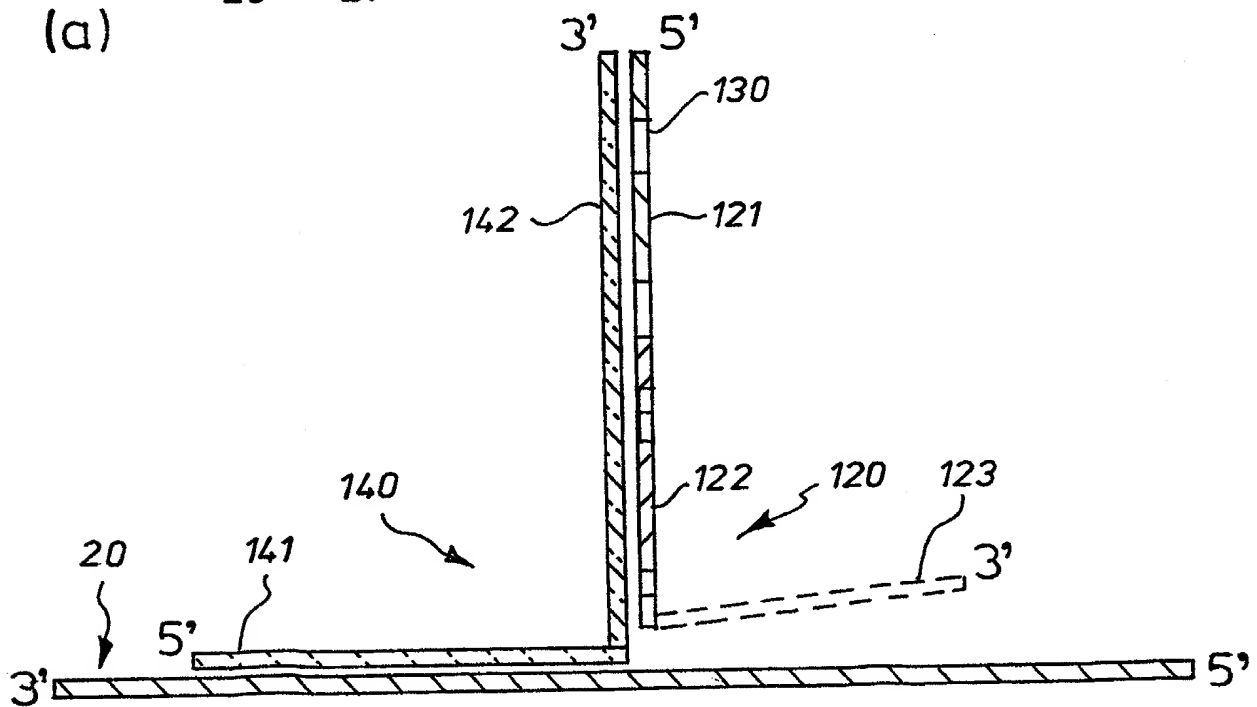
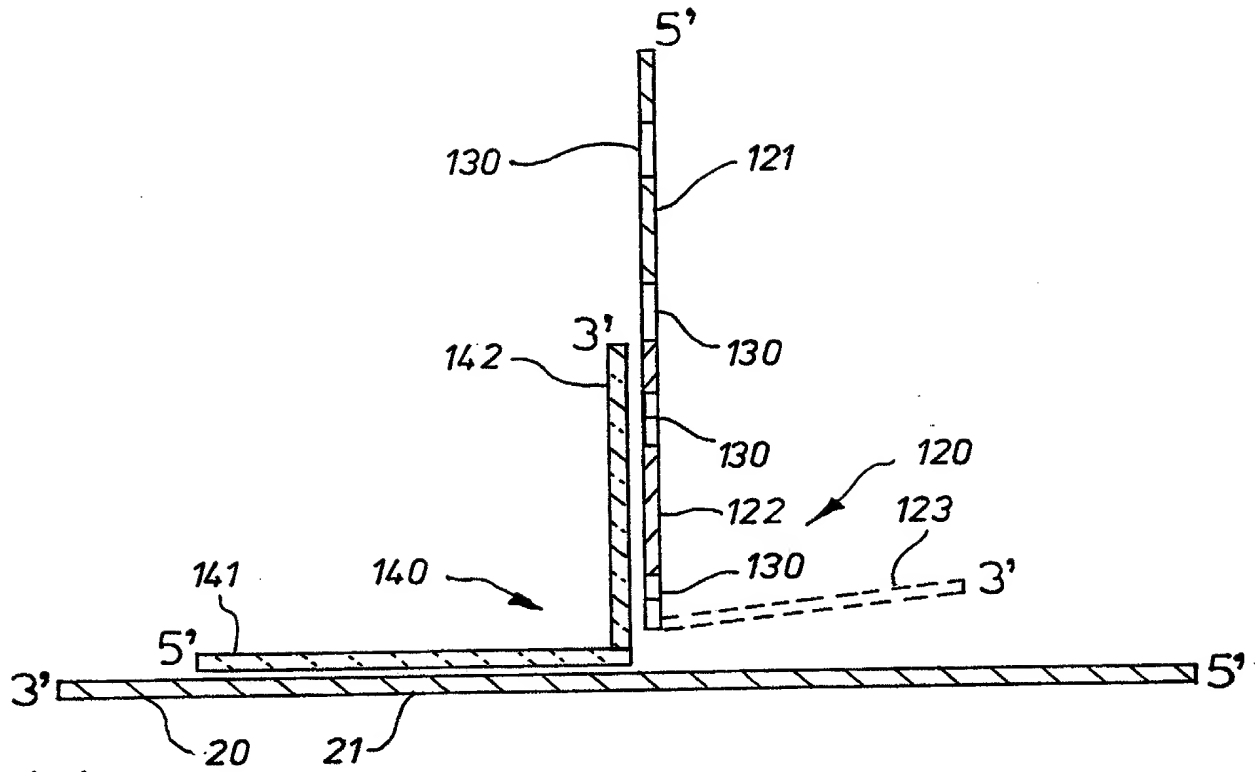


FIG. 8

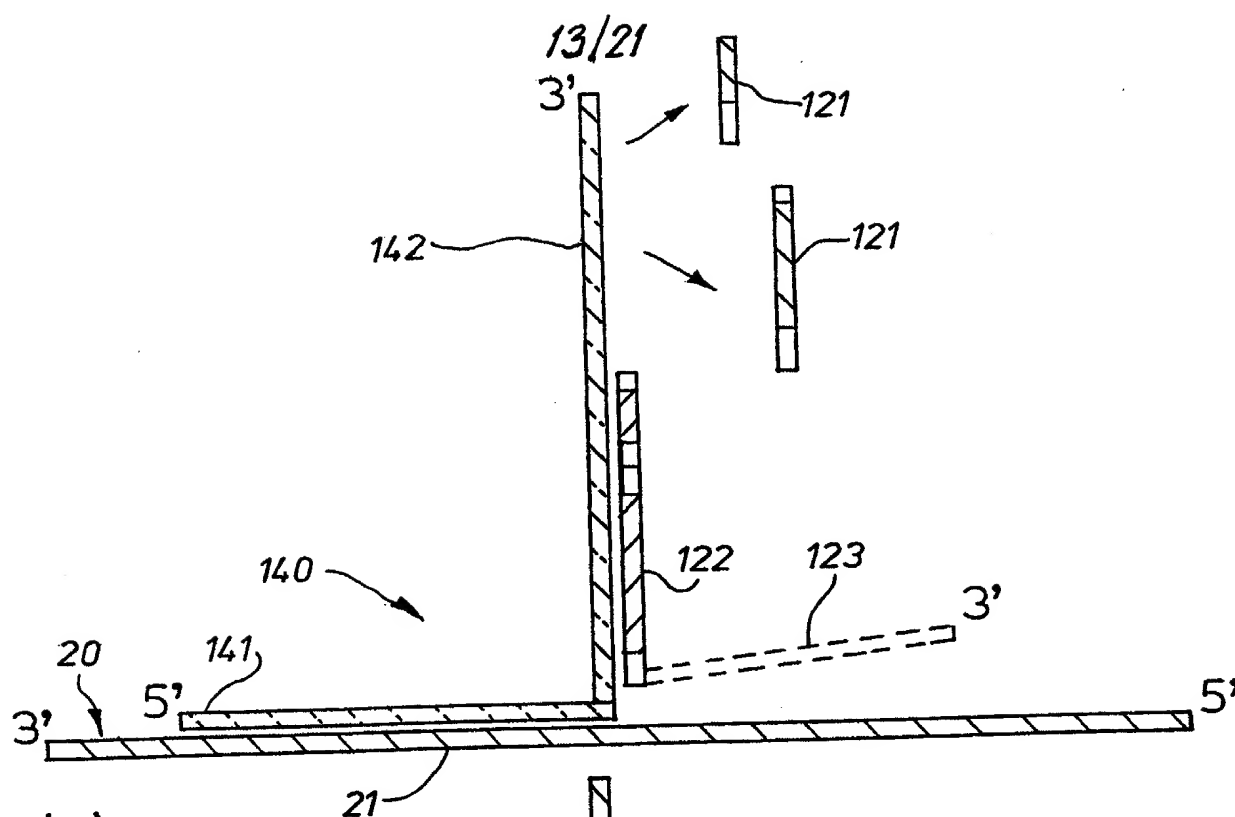
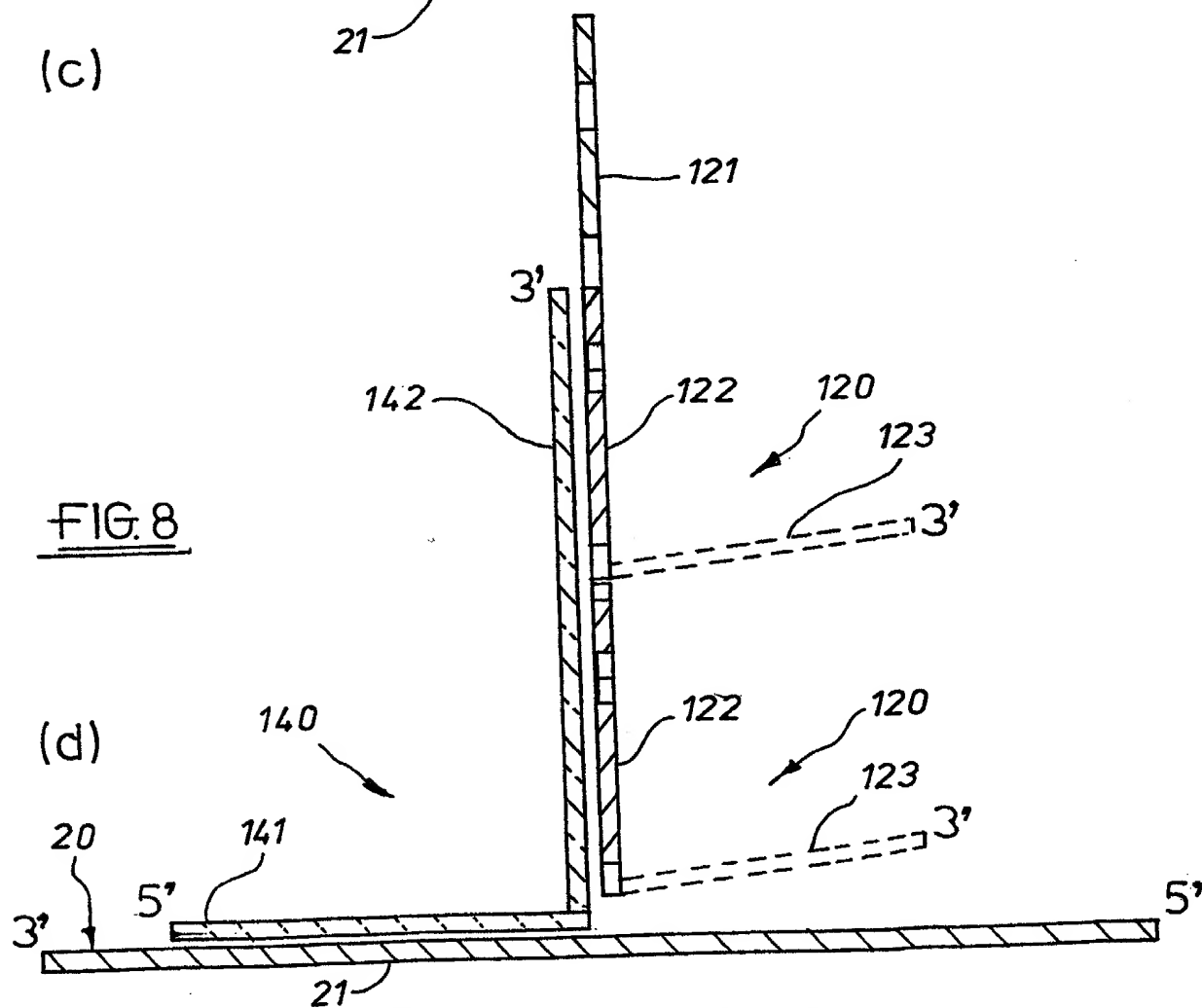


FIG. 8



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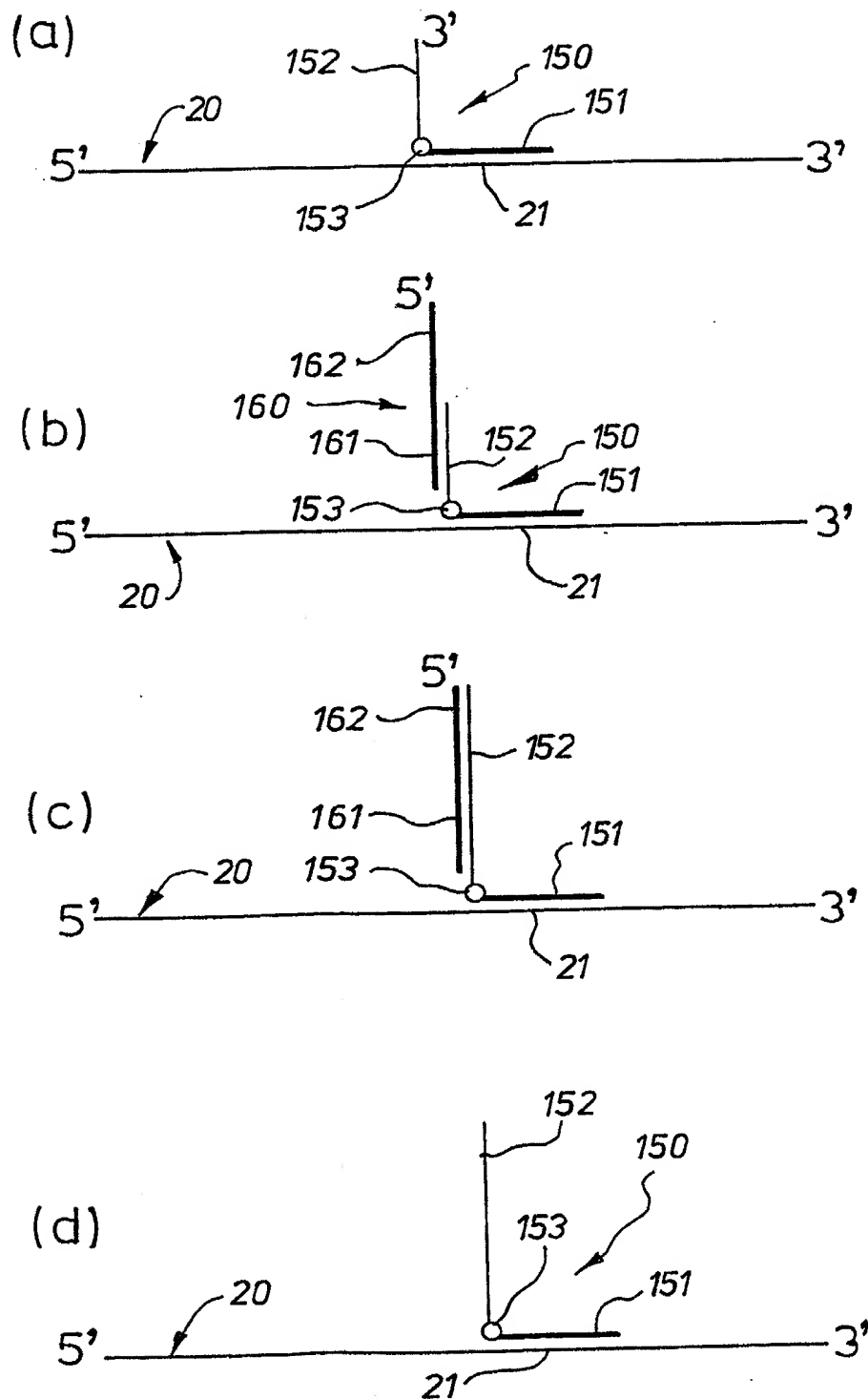


FIG. 9

FOOT 60 28E 9E 650

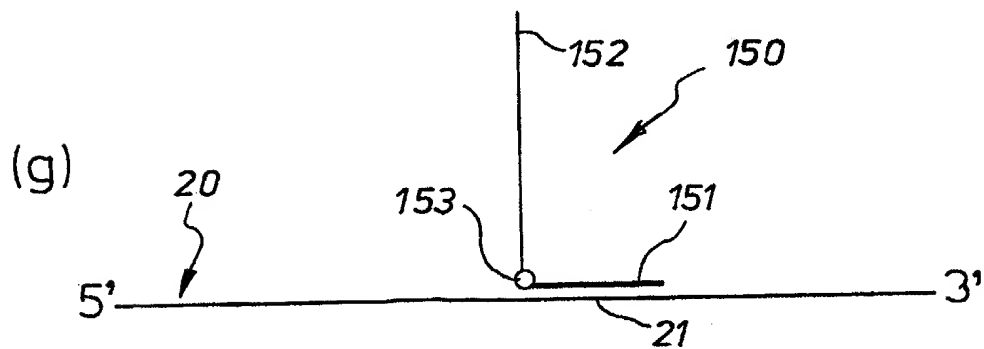
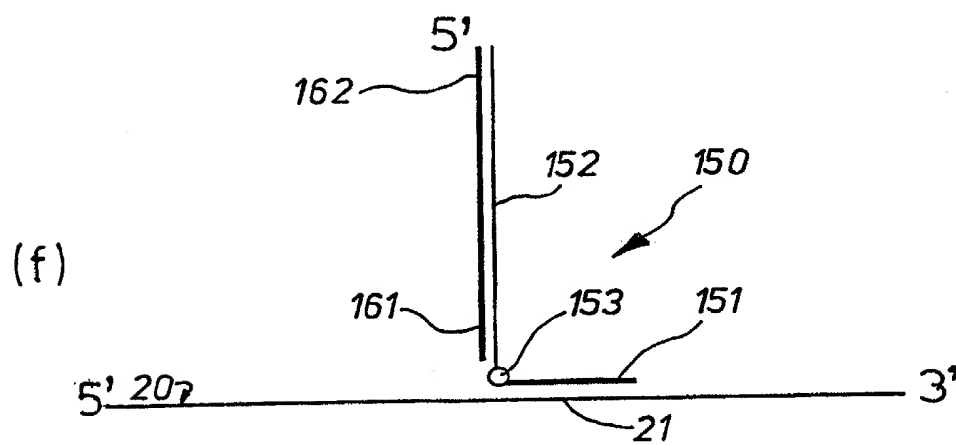
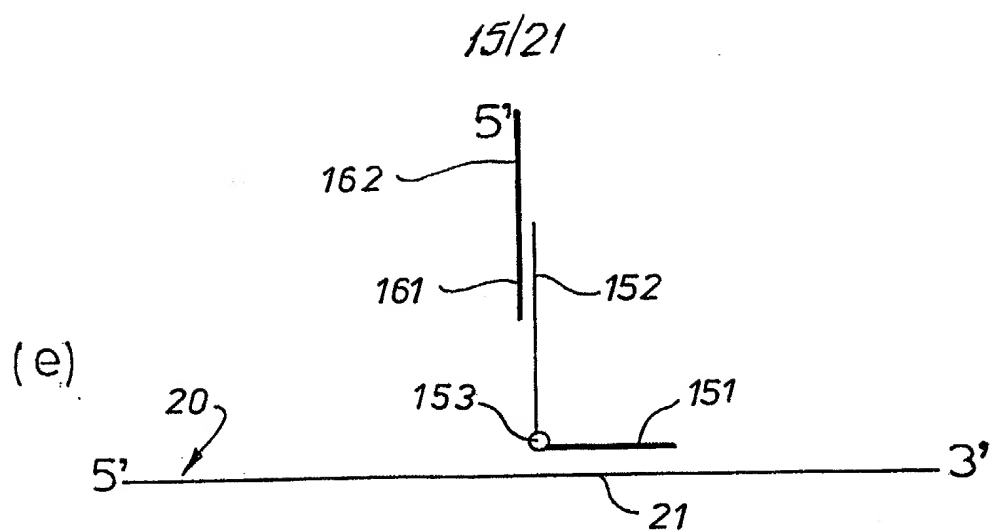


FIG.9

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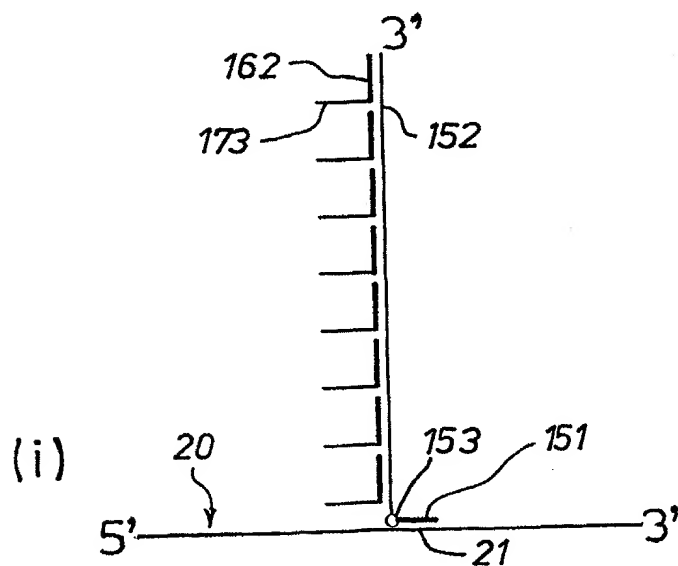
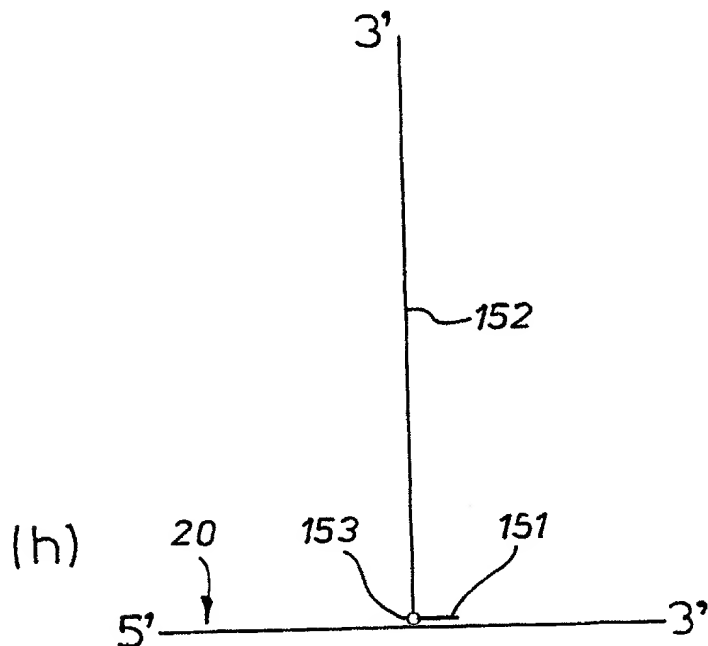


FIG. 9

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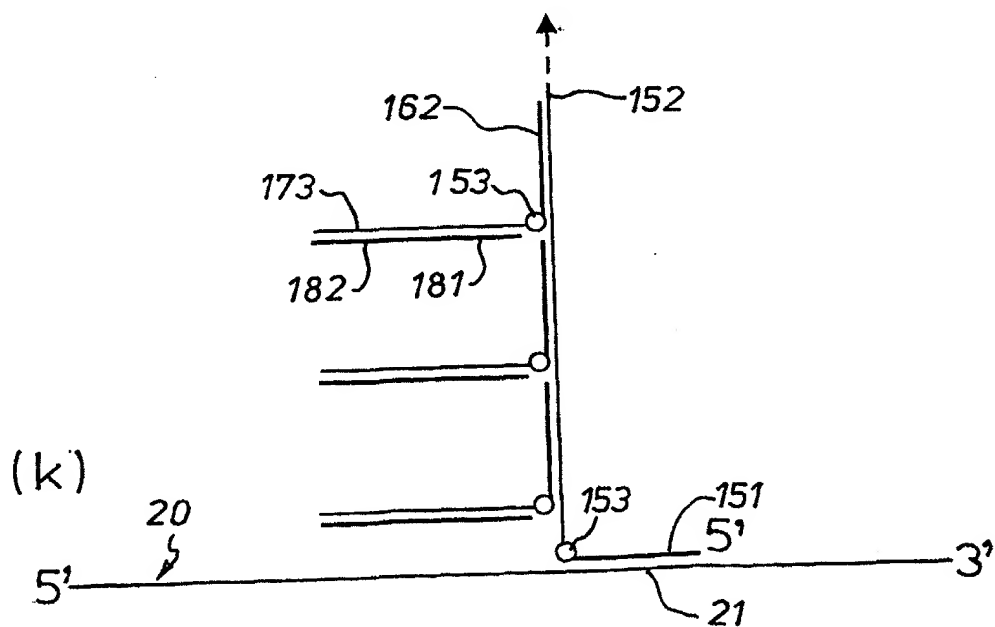
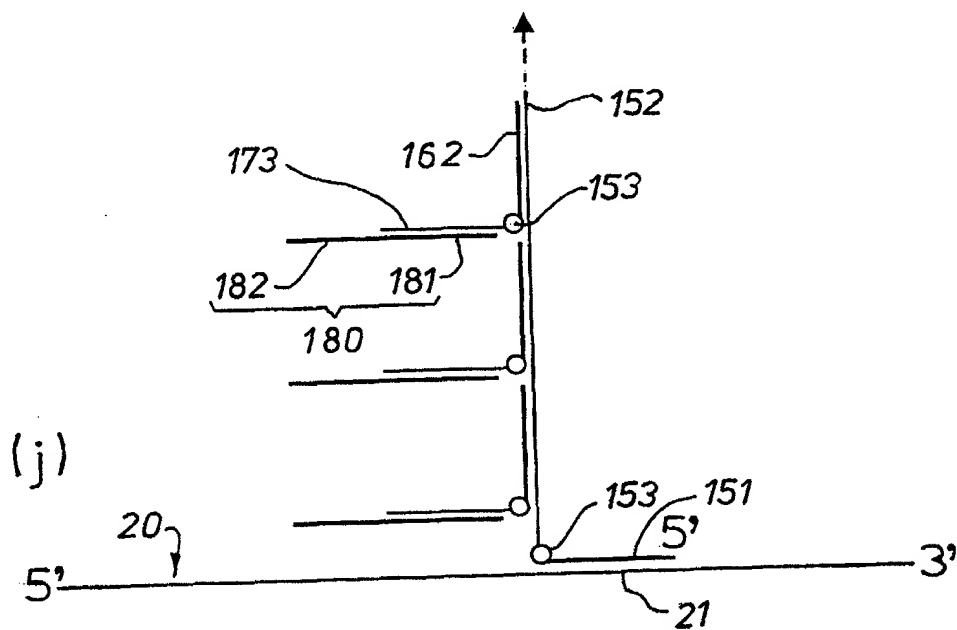


FIG.9

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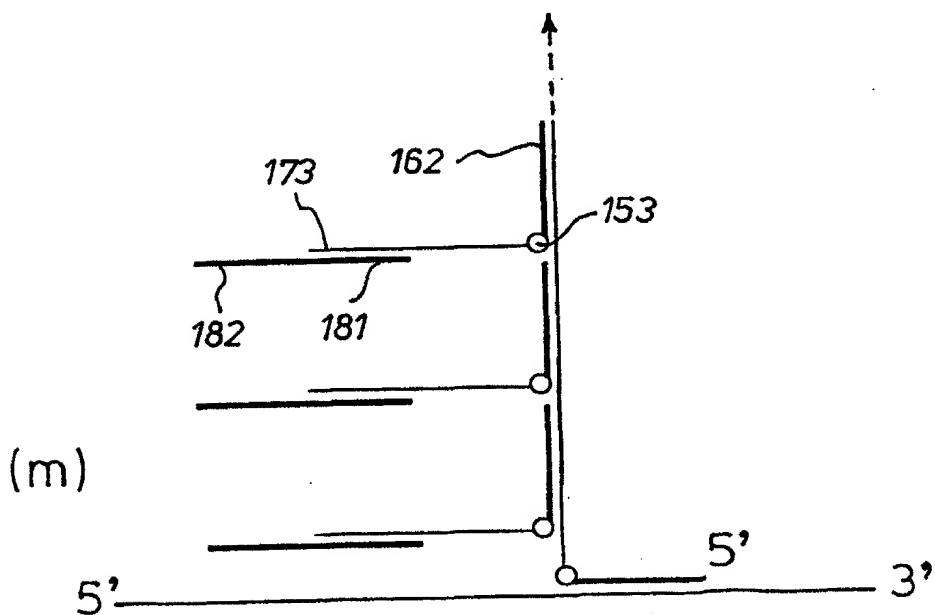
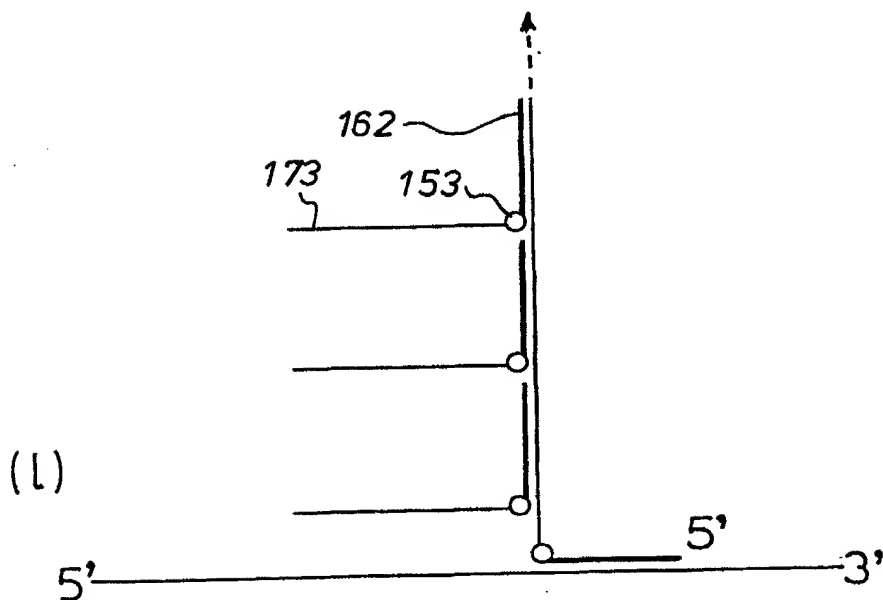


FIG. 9

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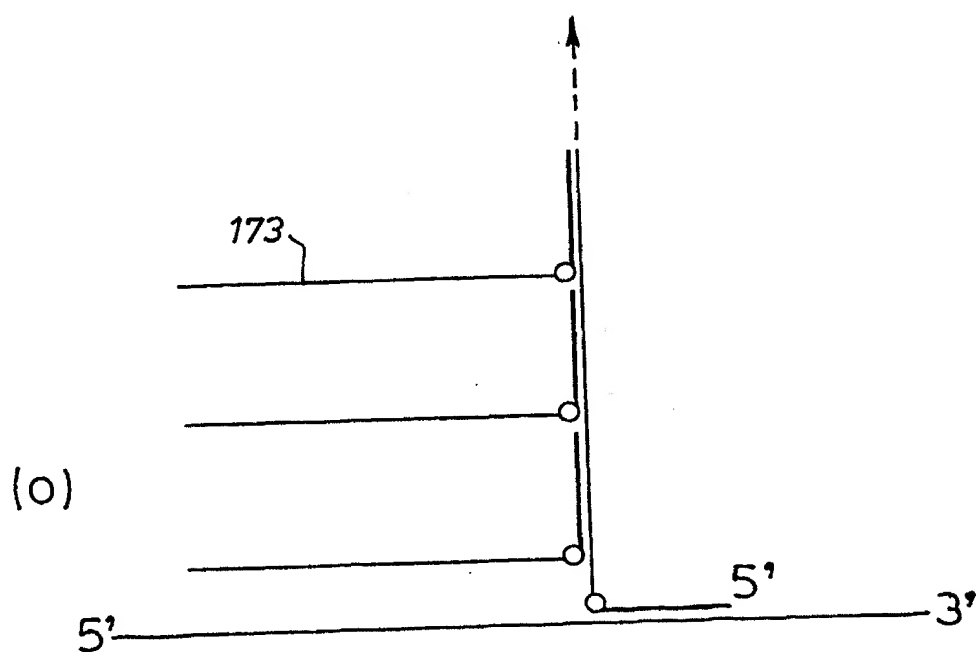
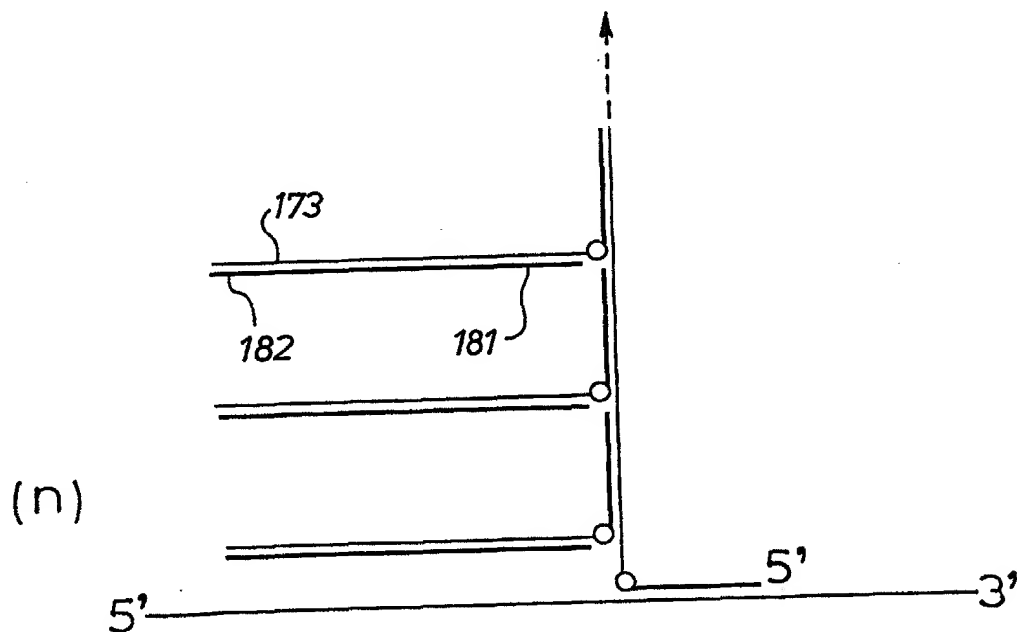
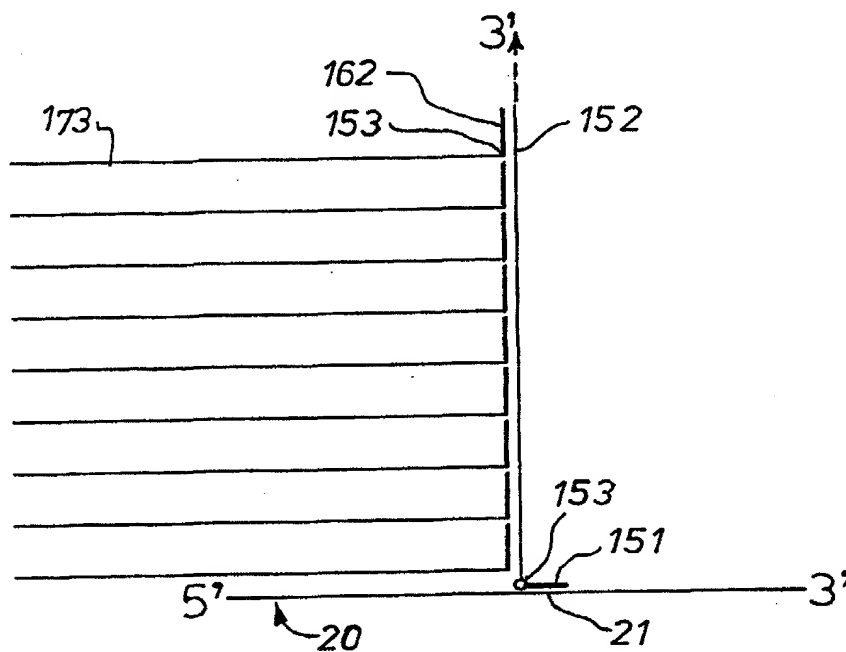


FIG.9

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(p)



(q)

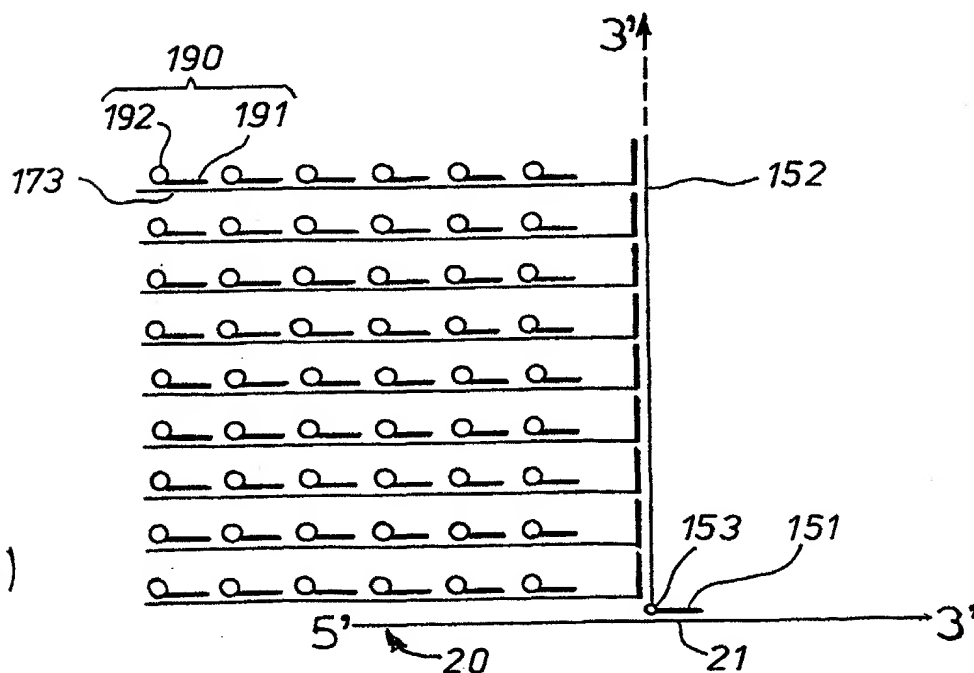


FIG.9

09936382.091001

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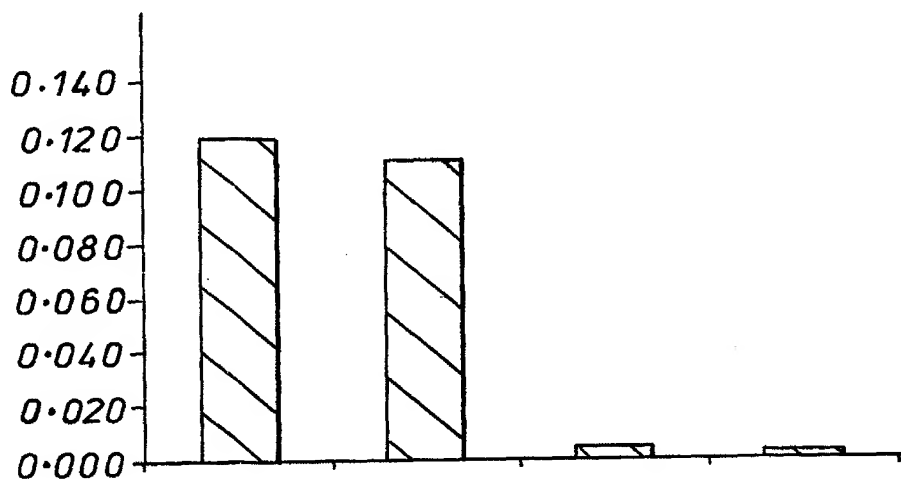


FIG.10

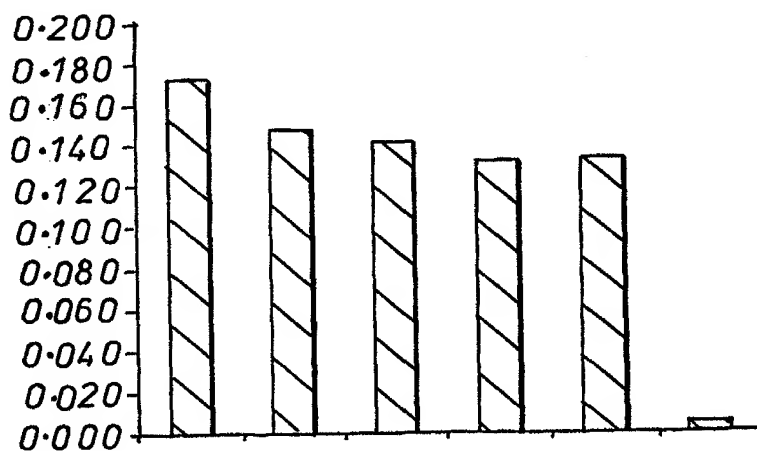


FIG.11